

EPA REGISTRATION
NUMBER 70506-57 Vol 2

Material to be added to a Mini-Jacket
(in the case where an e-Jacket exists)

Reg. No. 70506-57

Send to SIG: check box ☐

This material is:

€ New stamped-accepted label

€ New CSF

€ Notification

€ Final Printed Label

€ Other: Request to withdraw label amendment

Instructions: Attach this notice on top of the material. It must be clipped all together and there should be **NO STAPLES** in the material. Then give the material with this coversheet to staff in the Information Services Center (Room 230).

Reviewer's Name: Brenda Alexander

Phone: 703-305-7460 Division: RD/IB

Date: Dec 18, 2006



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

WASHINGTON, D.C. 20460

OFFICE OF
PREVENTION, PESTICIDES
AND TOXIC SUBSTANCES

December 6, 2006

OPP Decision Number: D369601
EPA File Symbol or Registration Number: 70506-57
Product Name: Bifenture Agricultural Insecticide
EPA Receipt Date: July 31, 2006
EPA Company Number: 70506
Company Name: United Phosphorus Inc.

Rebecca A. Clemmer
United Phosphorus Inc.
423 Riverview Plaza
Trenton, NJ 08611

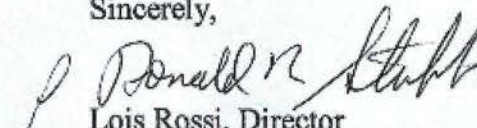
Subject: Confirmation of Registrant's Request to Withdraw an Application

Dear Ms. Clemmer:

This is to confirm that the Agency has received and processed your request to withdraw the application referenced above. Any future submission related to this action must be submitted as a new application that requires either the appropriate fee or request for a fee waiver (or both if the fee waiver request is for a 50% fee waiver).

If you have questions concerning this letter, please contact the Pesticide Registration Fee Ombudsperson at (703) 305-6249.

Sincerely,


Lois Rossi, Director
Registration Division

11/21/06



United Phosphorus, Inc.

423 Riverview Plaza
Trenton, NJ 08611
(609) 392-8200 x 1018 (phone)
(609) 392-0073 (fax)

Rebecca A. Clemmer
Regulatory Affairs Manager

November 1, 2006

George LaRocca (PM 13)
Document Processing Desk
Office of Pesticide Programs (7504P)
Ariel Rios Building
1200 Pennsylvania Ave., N.W.
Washington, D.C., 20460

Re: Withdrawal of Application for Label Amendment
Bifenture EC (EPA Reg. No. 70506-57)

Dear Mr. LaRocca:

United Phosphorus, Inc. would like to withdraw the application for label amendment described below:

Product Name: Bifenture EC
EPA Reg. No.: 70506-57
OPP Decision No.: D-369601

Please contact me if you have any questions.

Very truly yours,

A handwritten signature in blue ink that reads 'Rebecca A. Clemmer'.

Rebecca A. Clemmer
rclemmer@upi-usa.com





UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, D.C. 20460

August 4, 2006

OFFICE OF
PREVENTION, PESTICIDES AND
TOXIC SUBSTANCES

PLEASE RETURN A COPY OF THIS LETTER WITH PAYMENT

OPP Decision Number: D-369601
EPA File Symbol or Registration Number: 70506-57
Product Name: BIFENTURE EC AGRICULTURAL INSECTICIDE
EPA Receipt Date: 31-Jul-2006
EPA Company Number: 70506
Company Name: UNITED PHOSPHORUS INC

Rebecca A. Clemmer
UNITED PHOSPHORUS INC
423 RIVERVIEW PLAZA
TRENTON, NJ 08611

SUBJECT: Receipt of Amendment Subject to Registration Service Fee

Dear Registrant:

The Office of Pesticide Programs has received your application for Amendment. If you submitted data with this application, the results of the PRN-86-5 screen will be communicated separately. During the administrative screen, the Office of Pesticide Programs has determined that this Action is subject to a Pesticide Registration Service Fee as defined in the Pesticide Registration Improvement Act.

The Action has been identified as Action Code: R35

NON-FAST TRACK (CHANGES TO REI;PPE;PHI;RATE AND NUMBER OF APPLICATIONS;ADD AERIAL APPLICATION;MODIFY GW/SW ADVISORY STATEMENT;

Please remit payment in the amount of: \$ 10,500 to:

By USPS:
USEPA Washington Finance Center
Pesticide Registration Service Fee
PO Box 360277
Pittsburgh, PA 15251

By Courier:

U.S. EPA Washington Finance Center
Pesticide Registration Service Fee
C/O Mellon Client Service Center
500 Ross Street, Room 670
Box 360277
Pittsburgh, PA 15251-6277
Attn: EPA Module Supervisor
Telephone: (412) 236-2294

All payments must be in United States currency by check, bank draft, or money order drawn to the order of the Environmental Protection Agency. To ensure proper credit, please write the OPP DECISION NUMBER on your check, and enclose a copy of this letter with your payment.

You may be eligible for a full or partial waiver of the registration service fee if, for example, you qualify as a small business or are applying for a minor use, or if your application is solely associated with an IR-4 tolerance petition. Please be advised that if you intend to request a waiver, you must do so in writing within 15 days of receipt of this invoice instead of remitting the amount indicated above. OPP will not consider waiver requests after the registration service fee has been paid. Information regarding eligibility and how to request and document a fee waiver is available on the OPP Fee for Service web site at www.epa.gov/pesticides/fees.

Please send Registration Service Fee Waiver requests to:

By USPS:

Document Processing Desk (WAIVER)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
1200 Pennsylvania Ave NW
Washington, DC 20460

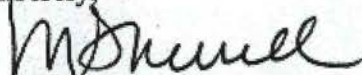
By Courier:

Document Processing Desk (WAIVER)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
Room S-4900, One Potomac Yard
2777 S. Crystal Drive.
Arlington, VA 22202

A PRIA decision time review period will not start until a fee waiver is granted and/or the Agency receives certification that the outstanding fee has been paid. If the Agency does not receive certification of payment for this action or a fee waiver request within the next 45 days, the Agency will presume that you no longer want to pursue this action. The Agency will then initiate a process that may result in administrative withdrawal of this action.

If you have any questions, please contact the Pesticide Registration Service Fee Ombudsman, at (703) 305-6249.

Sincerely,



Front End Processing Staff
Information Technology & Resources Management Division

Called Rebecca Clemens
and informed her that the
seed crop uses are considered
non-food only in those
western states that have
regulations to guarantee
that seed, oil or by products
from seed will not be
directed for food or feed.
Clemens issue a national
label for these uses.

Fee for Service

K
{797396 ~

This package includes the following

- ☐ New Registration
- ☒ Amendment

- ☐ Studies? ☐ Fee Waiver?
- ☐ volpay % Reduction: _____

for Division

- ☐ AD
- ☐ BPPD
- ☒ RD

Risk Mgr. 13

Receipt No.

S- 797396

EPA File Symbol/Reg. No.

70506-57

Pin-Punch Date:

7/31/2006

☒ This item is NOT subject to FFS action.

Action Code:

Requested: None

Granted: R-35

Amount Due: \$ 10,500

Parent/Child Decisions:

Reviewer: RR Date: 8-4-06

Remarks:
*PM: EFED assessment needed for changing
24(c) to sec. 3 uses.*



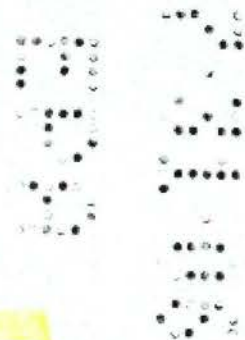
United Phosphorus, Inc.

423 Riverview Plaza
Trenton, NJ 08611
(609) 392-8200 x 1018 (phone)
(609) 392-0073 (fax)

Rebecca A. Clemmer
Regulatory Affairs Manager

July 28, 2006

Mr. George LaRocca (PM 13)
Document Processing Desk (AMEND)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202



Re: Bifenture® EC Agricultural Insecticide (EPA Reg. No. 70506-57)
Label Amendment

Dear Mr. LaRocca:

United Phosphorus, Inc. is applying for an amendment to the subject product label to add certain uses and make certain changes, all based on Section 24c and 2ee labels for Capture 2EC (EPA Reg. No. 279-3069), a substantially similar product to Bifenture EC. Below is a chart summarizing the sources of the amendments.

New uses based on Section 24C labels (copies of representative labels are attached)

| | | | |
|------------------------|--|----------------------------|---|
| ALFALFA grown for seed | AZ-900010 ID-900006* NV-890003 WA-890010 OR-900008* MT-900003* ND-900003 UT-900003 WY-970004 | CONIFER SEED ORCHARDS | AR-900006 FL-930006* GA-900003 LA-000008 MS-900006 OK-900003* SC-900002 TN-900005 TX-930005 VA-910001 AL-900007 |
| CLOVER grown for seed | ID-900006 OR-960021* | PARSLEY grown for seed | WA-930008* |
| PARSNIP grown for seed | WA-930009* | CROWN VETCH grown for seed | SD-920007* |
| CARROTS grown for seed | ID-900009* NV-920007* OR-900009 | JOJOBA | AZ-880025* |

| | | |
|-----------------|------------|--|
| | WA-900001 | |
| CHRISTMAS TREES | OR-940044 | |
| | WA-930005* | |

*copy included in this submission

Changes based on 2ee labels (copy of each source document is attached):

- addition of Billbugs (suppression)
- addition of Corn Rootworm Larvae for at-plant use
- addition of specific chemigation instructions for Corn Rootworm Larvae

In support of this amendment, we are providing the following items:

1. Application Form (EPA Form 8570-1).
2. Data matrix forms, Agency Use and Public File copies (EPA Form 8570-35) dated July 26, 2006.
3. Certification with Respect to Citation of Data (EPA Form 8570-34).
4. Labels: five (5) copies of the proposed master label, one highlighted copy of the master label to show location of changes, and five (5) copies of the supplemental label which will allow UPI to market this product prior to printing final labels. Copies of representative Special Local Need and 2ee labels for Capture 2EC are also enclosed for reference.
5. A CD which contains a pdf file of the draft product label: (070506-00057.20060727.Bifenture EC add uses.pdf).
6. Certification with Respect to Label Integrity for the pdf file.

UPI is not proposing new uses since EPA approved the 24(c) labels based on data already on file with EPA. Therefore this action should be considered a fast track label amendment and does not require a PRIA fee. Please note that we are relying upon the cite-all method to satisfy data requirements other than product specific product chemistry and acute toxicity data.

Please contact me if you have any questions.

Very truly yours,



Rebecca A. Clemmer
rclemmer@upi-usa.com





United States
Environmental Protection Agency
Washington, DC 20460

☐ Registration
☒ Amendment
☐ Other

OPP Identifier Number

275006

Application for Pesticide - Section I

| | | |
|--|-----------------------------------|---|
| 1. Company/Product Number 70506-57 | 2. EPA Product Manager LaRocca | 3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted |
| 4. Company/Product (Name) United Phosphorus, Inc/Bifenture EC Agricultural Insecticide | PM # 13 | |
| 5. Name and Address of Applicant (Include ZIP Code) United Phosphorus, Inc. 423 Riverview Plaza Trenton, NJ 08611 | | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg No. _____ Product Name _____ |
| <input type="checkbox"/> Check if this is a new address | | |

Section - II

| | |
|--|--|
| <input checked="" type="checkbox"/> Amendment - Explain below | <input type="checkbox"/> Final printed labels in response to |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> Agency letter dated _____ |
| <input type="checkbox"/> Notification - Explain below | <input type="checkbox"/> "Me Too" Application |
| | <input type="checkbox"/> Other - Explain below |

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)
Addition of uses based on Section 24c and 2ee registrations.

Section III

| | | | | | |
|--|---|---|--|--|--|
| 1. Material This Product Will be Packaged in: | | | | | |
| Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | | Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | | 2. Type of Container <input type="checkbox"/> Metal <input type="checkbox"/> Plastic <input type="checkbox"/> Glass <input type="checkbox"/> Paper <input type="checkbox"/> Other (Specify) _____ |
| *Certification must be submitted | If "Yes" Unit Packaging wgt. | No. per container | If "Yes" Package wgt | No. per container | |
| 3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(s) Retail Container | | 5. Location of label directions <input type="checkbox"/> On Label <input type="checkbox"/> On Label accompanying product | |
| 6. Manner in Which Label is Affixed to Product | | <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled | | <input type="checkbox"/> Other _____ | |

Section IV

| | | |
|--|-------------------------------------|---|
| 1. Contact Person (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | |
| Name Rebecca A. Clemmer | Title Regulatory Affairs Manager | Telephone No. (Include Area Code) 609-392-8200 |

Certification
I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law

| | |
|-------------------------------------|--|
| 2. Signature | 3. Title Regulatory Affairs Manager |
| 4. Typed Name Rebecca A. Clemmer | 5. Date July 27, 2006 |

6. Date Application Received

(Stamped)



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 0.25 hours per response for registration activities and 0.25 hours per response for reregistration and special review activities, including time for reading the instruction and completing the necessary forms. Send comments regarding the burden estimate or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, OPPE Information Management Division (2137), U.S. Environmental Protection Agency, 401 M Street, S.W., Washington DC 20460. Do not send the form to this address.

DATA MATRIX

| | | |
|---|--------------------------------------|-------------|
| Date: July 26, 2006 | EPA Reg No./ File Symbol 70506-57 | Page 1 of 2 |
| Applicant's/Registrant's Name and Address: United Phosphorus, Inc. 423 Riverview Plaza Trenton, NJ 08611 | | |
| Ingredient: Bifenthrin (PC 128825) | | |
| Product: Bifenture EC Agricultural Insecticide | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|------------------------------|---------------------------------------|-------------|-----------|--------|------|
| PRODUCT SPECIFIC DATA | | | | | |
| 830.1550 | Chemical identity | 46092701 | UPI | own | |
| 830.1600 | Starting Materials | 46092701 | UPI | Own | |
| 830.1650 | Description of formulation process | 46092701 | UPI | Own | |
| 830.1670 | Discussion of formation of impurities | 46092701 | UPI | own | |
| 830.1750 | Certified limits | 46092701 | UPI | Own | |
| 830.1800 | Enforcement analytical method | 46092701 | UPI | Own | |
| 830.6302 | color | 46092702 | UPI | own | |
| 830.6303 | Physical state | 46092702 | UPI | Own | |
| 830.6304 | odor | 46092702 | UPI | Own | |
| 830.6314 | Oxidation/reduction | 46092702 | UPI | Own | |
| 830.6315 | flammability | 46092702 | UPI | Own | |
| 830.6316 | Explosibility | 46092702 | UPI | Own | |
| 830.6317 | Storage stability | 46092702 | UPI | Own | |
| 830.6319 | Miscibility | 46092702 | UPI | Own | |
| 830.6320 | Corrosion characteristics | 46092702 | UPI | Own | |
| 830.6321 | Dielectric breakdown voltage | 46092702 | UPI | Own | |
| 830.7000 | pH | 46092702 | UPI | Own | |
| 830.7100 | viscosity | 46092702 | UPI | Own | |
| 830.7300 | Density/relative density/bulk density | 46092702 | UPI | Own | |
| 870.1100 | Acute oral toxicity | 132527 | FMC | Old | |
| 870.1200 | Acute dermal toxicity | 132528 | FMC | Old | |
| 870.1300 | Acute inhalation toxicity | 144256 | FMC | Old | |

| | | |
|---|--|-----------------|
| Signature <i>Rebecca A. Clemmer</i> | Name and Title Rebecca A. Clemmer, Regulatory Affairs Manager | Date 7/26/06 |
| EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version. | | |
| Agency Internal Use Copy | | |



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.

WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

| | | |
|---|--------------------------------------|-------------|
| Date: July 26, 2006 | EPA Reg No./ File Symbol 70506-57 | Page 2 of 2 |
| Product: Bifenthrin EC Agricultural Insecticide | | |
| Applicant's/Registrant's Name and Address: United Phosphorus, Inc. 423 Riverview Plaza Trenton, NJ 08611 | | |
| Ingredient: Bifenthrin (PC 128825) | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|----------------------|-------------|--|--------|---|
| 870.2400 | Eye irritation | 46183601 | UPI | Own | |
| 870.2500 | Dermal irritation | 132529 | FMC | Old | |
| 870.2600 | Dermal sensitization | 132531 | FMC | Old | |
| GENERIC DATA | | | | | |
| | | CITE ALL | The Ortho Business Group, FMC Corp. Agricultural Products Group, Bayer Environmental Science, The Scotts Company, McLaughlin Gormley King Co., Amvac Chemical Corp., Nisso America, Inc., The Andersons Lawn Fertilizer Division, Inc., Suniland Corp., Lesco Inc., Makhteshim Chemical Works, Ltd., Howard Fertilizer & Chemical Co., Inc., Micro-Flo Company, LLC, Control Solutions, Inc., Arizona Chemical Group, Inc., Makhteshim-Agan of North America, Inc., Non-Dietary Exposure Task Force, Atex, Inc., Agricultural Handlers Exposure Task Force, Ensystex II, Inc., NuFarm Americas, Inc., Southern States Cooperative, Inc. Bengal Products, Inc., Syngenta Crop Protection, Inc. | Pay | NOTE: United Phosphorus, Inc. is a member of the ARETF, ORETF and SDTF. |

| | | |
|--|--|-----------------|
| Signature <i>Rebecca A. Clemmer</i> | Name and Title Rebecca A. Clemmer, Regulatory Affairs Manager | Date 7/26/06 |
|--|--|-----------------|

EPA Form 8570-35 (9-97) Electronic and Paper versions available. Submit only Paper version.

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UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

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DATA MATRIX

Date: July 26, 2006

Page 1 of 2

EPA Reg No./ File Symbol
70506-57

Applicant's/Registrant's Name and Address:

United Phosphorus, Inc.
423 Riverview Plaza
Trenton, NJ 08611

Product: Bifenture EC Agricultural Insecticide

Ingredient: Bifenthrin (PC 128825)

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|------------------------------|---------------------------------------|-------------|-----------|--------|------|
| PRODUCT SPECIFIC DATA | | | | | |
| 830.1550 | Chemical identity | | | | |
| 830.1600 | Starting Materials | | | | |
| 830.1650 | Description of formulation process | | | | |
| 830.1670 | Discussion of formation of impurities | | | | |
| 830.1750 | Certified limits | | | | |
| 830.1800 | Enforcement analytical method | | | | |
| 830.6302 | color | | | | |
| 830.6303 | Physical state | | | | |
| 830.6304 | odor | | | | |
| 830.6314 | Oxidation/reduction | | | | |
| 830.6315 | flammability | | | | |
| 830.6316 | Explosibility | | | | |
| 830.6317 | Storage stability | | | | |
| 830.6319 | Miscibility | | | | |
| 830.6320 | Corrosion characteristics | | | | |
| 830.6321 | Dielectric breakdown voltage | | | | |
| 830.7000 | pH | | | | |
| 830.7100 | viscosity | | | | |
| 830.7300 | Density/relative density/bulk density | | | | |
| 870.1100 | Acute oral toxicity | | | | |
| 870.1200 | Acute dermal toxicity | | | | |
| 870.1300 | Acute inhalation toxicity | | | | |

Signature

Name and Title

Rebecca A. Clemmer, Regulatory Affairs Manager

Date

7/26/06



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

401 M Street, S.W.
WASHINGTON, D.C. 20460

Form Approved OMB No. 2070-0060

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DATA MATRIX

| | | |
|---|--|-------------|
| Date: July 26, 2006 | EPA Reg No./ File Symbol 70506-57 | Page 2 of 2 |
| Applicant's/Registrant's Name and Address: United Phosphorus, Inc. 423 Riverview Plaza Trenton, NJ 08611 | Product: Bifenture EC Agricultural Insecticide | |
| Ingredient: Bifenthrin (PC 128825) | | |

| Guideline Reference Number | Guideline Study Name | MRID Number | Submitter | Status | Note |
|----------------------------|----------------------|-------------|-----------|--------|------|
| 870.2400 | Eye irritation | | | | |
| 870.2500 | Dermal irritation | | | | |
| 870.2600 | Dermal sensitization | | | | |
| | | | | | |
| GENERIC DATA | | | | | |

| | | |
|-----------|--|-----------------|
| Signature | Name and Title Rebecca A. Clemmer, Regulatory Affairs Manager | Date 7/26/06 |
|-----------|--|-----------------|

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Agency Internal Use Copy



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
1200 Pennsylvania Avenue, N.W.
WASHINGTON, D.C. 20460

Paperwork Reduction Act Notice: The public reporting burden for this collection of information is estimated to average 1.25 hours per response for registration and 0.25 hours per response for registration and special review activities, including the reviewing the instructions and completing the necessary forms. Send comments regarding burden estimates or any other aspect of this collection of information, including suggestions for reducing the burden to: Director, Collection Strategies Division (2822T), U.S. Environmental Protection Agency, 1200 Pennsylvania Avenue, N.W., Washington, DC 20460. Do not send the completed form to this address.

Certification with Respect to Citation of Data

Applicants/Registrants Name, Address, and Telephone Number
United Phosphorus, Inc., 423 Riverview Plaza, Trenton, NJ 08611

EPA Registration Number/File Symbol
70506-57

Active Ingredient(s) and/or representative test compound(s)
bifenthrin

Date
July 26, 2006

General Use Pattern(s) (list all those claimed for this product using 40 CFR Part 158)
Terrestrial food

Product Name
Bifenure EC Agricultural Insecticide

NOTE: If your product is a 100% repackaging of another purchased EPA-registered product labeled for all the same uses on your label, you do not need to submit this form. You must submit the Formulators Exemption Statement (EPA Form 8570-27).

☐ I am responding to a Data-Call-In Notice, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

SECTION I: METHOD OF DATA SUPPORT (Check one method only)

☒ I am using the data-call method of support, and have included with this form a list of companies sent offers of compensation (the Data Matrix form should be used for this purpose).

☐ I am using the selective method of support (or data-allocation under the selective method), and have included with this form a completed list of data requirements (the Data Matrix form must be used).

SECTION II: GENERAL OFFER TO PAY

Required if using the data-call method or when using the data-allocation under the selective method to satisfy one or more data requirements

☒ I hereby offer and agree to pay compensation, to other persons, with regard to the approval of this application, to the extent required by FFR.

SECTION III: CERTIFICATION

I certify that this application for registration, this form for registration, or this Data-Call-In response is supported by all data submitted or cited in the application for registration, the form for registration, or the Data-Call-In response. In addition, if the data-allocation or data-allocation under the selective method is indicated in Section I, this application is supported by all data in the Agency's files that (1) concern the properties or effects of this product or an identical or substantially similar product, or one or more of the ingredients in this product; and (2) is a type of data that would be required to be submitted under the data requirements in effect on the date of approval of this application if the application sought the initial registration of a product of identical or similar composition and uses.

I certify that for each exclusive use study cited in support of this registration or re-registration, that I am the original data submitter or that I have obtained the written permission of the original data submitter to cite that study.

I certify that for each study cited in support of this registration or re-registration that is not an exclusive use study, either: (a) I am the original data submitter; (b) I have obtained the written permission of the original data submitter to use the study in support of this application; (c) all periods of eligibility for compensation have expired for the study; (d) the study is in the public literature; or (e) I have notified in writing the company that submitted the study and have offered (i) to pay compensation to the extent required by sections 3(c)(1)(F) and/or 3(c)(2)(B) of FFR, and (ii) to commence negotiations to determine the amount and terms of compensation, if any, to be paid for the use of the study.

I certify that in all instances where an offer of compensation is required, copies of all offers to pay compensation and evidence of their delivery in accordance with sections 3(c)(1)(F) and/or 3(c)(2)(B) of FFR are available and will be submitted to the Agency upon request. Should I fail to produce such evidence to the Agency upon request, I understand that the Agency may in its action to deny, cancel or suspend the registration of my product in conformity with FFR.

I certify that the statements I have made on this form and all attachments to it are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or in prison or both under applicable law.

Signature
Rebecca A. Clemmer

Date
July 26, 2006

Typed or Printed Name and Title
Rebecca A. Clemmer, Regulatory Affairs Manager

Certification with Respect to Label Integrity

version: 9/11/02

I certify that the information (including, but not limited to, text, tables, and graphics) contained in the electronic file identified below by file name and submitted with this certification is the same information as that on the paper copies of these documents included with this submission.

| PROPOSED LABEL | | |
|--------------------|-----------------------|---|
| EPA Registration # | Date Submitted to EPA | Electronic file name |
| 70506-00057 | July 28, 2006 | 070506-00057.20060727.Bifenture EC add uses.pdf |

I certify that the statements that I have made on this form are true, accurate, and complete. I acknowledge that any knowingly false or misleading statements may be punishable by fine or imprisonment or both under applicable law.

Rebecca A. Clemmer
Signature

July 27, 2005
Date

Rebecca A. Clemmer
Name (typed)

Regulatory Affairs Manager
Title

643

90.75.2

Material to be added to a Mini-Jacket (in the case where an e-Jacket exists)

Reg. No. 70506-57

Send to SIG: check box ☐

This material is:

- ☐ New stamped-accepted label
- ☐ New CSF
- ☐ Notification
- ☒ Final Printed Label
- ☐ Other: _____

Instructions: Attach this notice on top of the material. It must be clipped all together and there should be NO STAPLES in the material. Then give the material with this coversheet to staff in the Information Services Center (Room 230).

Reviewer's Name: BEWANDA ALEXANDER

Phone: 703-305-7460 Division: RD/IB

Date: June 16, 2006

Current as of Wednesday, March 01, 2006

FPL



United Phosphorus, Inc.

423 Riverview Plaza
Trenton, NJ 08611
(609) 392-8200 x 1018 (phone)
(609) 392-0073 (fax)

Rebecca A. Clemmer
Regulatory Affairs Manager

June 6, 2006

George LaRocca (PM 13)
Document Processing Desk (FPL)
Office of Pesticide Programs (7504P)
U.S. Environmental Protection Agency
One Potomac Yard
2777 S. Crystal Drive
Arlington, VA 22202

Re: Submission of final labeling
Bifenture™ EC Agricultural Insecticide (EPA Reg. No. 70506-57)

Dear Mr. LaRocca:

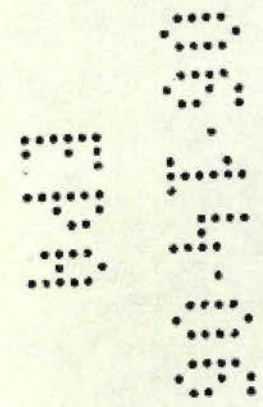
As required by your letter dated 2/21/06 related to approval of a label amendment, enclosed please find a copy of the label, revised as instructed by that letter.


Please contact me if you have any questions.

Very truly yours,

A handwritten signature in blue ink that reads 'R.A. Clemmer'.

Rebecca A. Clemmer
rclemmer@upi-usa.com



| | | | |
|---|---------------------------------|---|--|
|  | United States | <input type="checkbox"/> Registration | OPP Identifier Number 274991 |
| | Environmental Protection Agency | <input type="checkbox"/> Amendment | |
| | Washington, DC 20460 | <input checked="" type="checkbox"/> Other | |

Application for Pesticide – Section I

| | | |
|---|--|--|
| 1. Company/Product Number 70506-57 | 2. EPA Product Manager LaRocca | 3. Proposed Classification <input type="checkbox"/> None <input checked="" type="checkbox"/> Restricted |
| 4. Company/Product (Name) United Phosphorus, Inc/Bifenture EC Agricultural Insecticide | PM # 13 | |
| 5. Name and Address of Applicant (Include ZIP Code) United Phosphorus, Inc. 423 Riverview Plaza Trenton, NJ 08611 <input type="checkbox"/> Check if this is a new address | 6. Expedited Review. In accordance with FIFRA Section 3(c)(3) (b)(i), my product is similar or identical in composition and labeling to: EPA Reg No. _____ Product Name _____ | |

Section - II

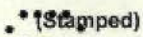









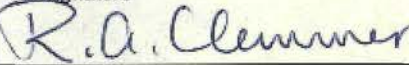
| | |
|--|--|
| <input type="checkbox"/> Amendment – Explain below | <input checked="" type="checkbox"/> Final printed labels in response to Agency letter dated Feb. 21, 2006 _____ |
| <input type="checkbox"/> Resubmission in response to Agency letter dated _____ | <input type="checkbox"/> "Me Too" Application |
| <input type="checkbox"/> Notification – Explain below | <input type="checkbox"/> Other – Explain below |

Explanation: Use additional page(s) if necessary. (For Section I and Section II.)

Section III

| | | | | | | | |
|--|---|---|-------------------|--|-------------------|--|--|
| 1. Material This Product Will be Packaged in: | | | | | | 2. Type of Container | |
| Child-Resistant Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | Unit Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | Water Soluble Packaging <input type="checkbox"/> Yes <input type="checkbox"/> No | | | | <input type="checkbox"/> Metal | |
| *Certification must be submitted | | If "Yes" Unit Packaging wgt. | No. per container | If "Yes" Package wgt | No. per container | <input type="checkbox"/> Plastic | |
| | | | | | | <input type="checkbox"/> Glass | |
| | | | | | | <input type="checkbox"/> Paper | |
| | | | | | | <input type="checkbox"/> Other (Specify) _____ | |
| 3. Location of Net Contents Information <input type="checkbox"/> Label <input type="checkbox"/> Container | | 4. Size(s) Retail Container | | 5. Location of label directions <input type="checkbox"/> On Label <input type="checkbox"/> On Label accompanying product | | | |
| 6. Manner in Which Label is Affixed to Product | | <input type="checkbox"/> Lithograph <input type="checkbox"/> Paper glued <input type="checkbox"/> Stenciled | | <input type="checkbox"/> Other _____ | | | |

Section IV

| | | | | |
|---|--|---|--|--|
| 1. Contact Person (Complete items directly below for identification of individual to be contacted, if necessary, to process this application.) | | | | |
| Name Rebecca A. Clemmer | | Title Regulatory Affairs Manager | | |
| | | Telephone No. (Include Area Code) 609-392-8200 | | |
| Certification I certify that the statements I have made on this form and all attachments thereto are true, accurate and complete. I acknowledge that any knowingly false or misleading statement may be punishable by fine or imprisonment or both under applicable law | | | 6. Date Application Received           | |
| 2. Signature  | | 3. Title Regulatory Affairs Manager | | |
| 4. Typed Name Rebecca A. Clemmer | | 5. Date June 6, 2006 | | |
| | | | | |

EPA Form 8570-1 (Rev. 8-94) Previous editions are obsolete.

White – EPA File Copy (Original)

Yellow – Applicant Copy

RESTRICTED USE PESTICIDE

Toxic to fish and aquatic organisms.

For retail sale to and use only by certified applicators, or persons under their direct supervision and only for the uses covered by the certified applicator's certification.

BIFENTURE™ EC AGRICULTURAL INSECTICIDE**BIFENTURE EC AGRICULTURAL INSECTICIDE IS NOT FOR SALE OR USE IN CALIFORNIA.**

| Active Ingredient: | By Wt. |
|---|--------|
| Bifenthrin* (2 methyl[1,1'-biphenyl]-3-yl) methyl 3-(2-chloro-3,3,3-trifluoro-1-propenyl)-2,2-dimethylcyclopropanecarboxylate | 25.1% |
| Inert Ingredients**: | 74.9% |
| TOTAL | 100.0% |

*Cis isomers 97% minimum, trans isomers 3% maximum.

**Contain xylene range aromatic solvents

This product contains 2 pounds active ingredient per gallon.

NOT REVIEWED
In Accordance with PR Notice 82-2
Based on Draft Labeling Dated
2-21-06

KEEP OUT OF REACH OF CHILDREN
WARNING
AVISO

This label must be in the possession of the user at the time of application.

Si usted no entiende la etiqueta, busque a alguien para que se la explique a usted en detalle. (If you do not understand the label, find someone to explain it to you in detail.)

| FIRST AID | |
|--|---|
| If swallowed | <ul style="list-style-type: none"> • Call a poison control center or doctor immediately for treatment advice. • Do not induce vomiting unless told to do so by the poison control center or doctor. • Do not give any liquid to the person. • Do not give anything by mouth to an unconscious person. |
| If in eyes | <ul style="list-style-type: none"> • Hold eye open and rinse slowly and gently with water for 15-20 minutes. • Remove contact lenses, if present, after the first 5 minutes, then continue rinsing eye. • Call a poison control center or doctor for treatment advice. |
| If inhaled | <ul style="list-style-type: none"> • Move person to fresh air. • If person is not breathing, call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth, if possible. • Call a poison control center or doctor for further treatment advice. |
| If on skin or clothing | <ul style="list-style-type: none"> • Take off contaminated clothing. • Rinse skin immediately with plenty of water for 15-20 minutes. • Call a poison control center or doctor for treatment advice. |
| NOTE TO PHYSICIAN | |
| <p>This product is a pyrethroid. If large amounts have been ingested, the stomach and intestine should be evacuated. Treatment is symptomatic and supportive. Digestible fats, oils, or alcohol may increase absorption and so should be avoided. Contains petroleum distillates. Vomiting may cause aspiration pneumonia.</p> | |
| <p>Have the product container or label with you when calling a poison control center or doctor, or going for treatment. FOR EMERGENCY MEDICAL ASSISTANCE, CALL THE NATIONAL PESTICIDE INFORMATION CENTER 1-800-858-7378.</p> | |

**FOR CHEMICAL EMERGENCY: Spill, leak, fire, exposure, or accident,
call CHEMTREC 1-800-424-9300.**



Manufactured for:
United Phosphorus, Inc.
423 Riverview Plaza • Trenton, NJ 08611
1-800-247-1557 • www.upi-usa.com

EPA Reg. No. 70506-57
EPA Est. No.
Net Contents:

PRECAUTIONARY STATEMENTS
Hazards to Humans and Domestic Animals
Warning

WARNING. May be fatal if swallowed. Causes substantial but temporary eye injury. Do not get in eyes or on clothing. Wear protective eyewear (goggles, face shield or safety glasses). Harmful if absorbed through skin or inhaled. Avoid breathing spray mist. Avoid contact with skin. Remove and wash contaminated clothing before reuse. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, or using tobacco.

Personal Protective Equipment (PPE):

Some materials that are chemical-resistant to this product are listed below. If you want more options, follow the instructions for category E on an EPA chemical resistance category selection chart.

Handlers who may be exposed to the dilute through application or other tasks must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, Nitrile rubber, neoprene rubber or Viton
- Shoes plus socks

Handlers who may be exposed to the concentrate through mixing, loading, application or other tasks must wear:

- Long-sleeved shirt and long pants
- Chemical-resistant gloves such as barrier laminate, Nitrile rubber, neoprene rubber, or Viton
- Shoes plus socks
- Protective eyewear

Discard clothing and other absorbent materials that have been drenched or heavily contaminated with this product's concentrate. Do not reuse them. Follow manufacturer's instructions for cleaning/maintaining PPE. If no such instructions for washables, use detergent and hot water. Keep and wash PPE separately from other laundry.

USER SAFETY RECOMMENDATIONS

Users should:

- Wash hands before eating, drinking, chewing gum, using tobacco or using the toilet.
- Remove clothing immediately if pesticide gets inside. Then wash thoroughly and put on clean clothing.

Environmental Hazards

This pesticide is extremely toxic to fish and aquatic invertebrates. Use with care when applying in areas adjacent to any body of water. Do not apply directly to water, to areas where surface water is present or to intertidal areas below the mean high water mark. Do not make applications when weather conditions favor drift from treated areas. Drift and run-off from treated areas may be hazardous to aquatic organisms in neighboring areas. Do not contaminate water when disposing of equipment washwaters.

This product is highly toxic to bees exposed to direct treatment or residues on blooming crops or weeds. Do not apply this product or allow it to drift to blooming crops or weeds while bees are actively visiting the treatment area.

The use of bifenthrin is prohibited in areas that may result in exposure of endangered species to bifenthrin. Prior to use in a particular county contact the local extension service for procedures and precautions to use to protect endangered species.

Physical/Chemical Hazards

Do not use or store near heat or open flame.

DIRECTIONS FOR USE

It is a violation of Federal Law to use this product in a manner inconsistent with its labeling.

Do not apply this product in a way that will contact workers or other persons, either directly or through drift. Only protected handlers may be in the area during application. For any requirements specific to your State or Tribe, consult the agency responsible for pesticide regulation.

Resistance:

BIFENTURE is an insecticide. Any insect/mite population may contain individual insects that may develop resistance to a specific pesticide product used in consecutive generations to control these pests. Prediction of resistance development is uncertain. Appropriate Bifenture EC Agricultural Insecticide Rev. 3/06

resistance management strategies should be followed. Contact your local extension specialist or certified crop advisors for any additional pesticide resistance management and/or Integrated Pest Management recommendations for the specific site and pest problems in your area.

AGRICULTURAL USE REQUIREMENTS

Use this product only in accordance with its labeling and with the Worker Protection Standard 40 CFR part 170. This Standard contains requirements for the protection of agricultural workers on farms, forests, nurseries, and greenhouses, and handlers of agricultural pesticides. It contains requirements for training, decontamination, notification, and emergency assistance. It also contains specific instructions and exceptions pertaining to the statements on this label about personal protective equipment (PPE), and restricted-entry interval. The requirements in this box only apply to uses of this product that are covered by the Worker Protection Standard.

Do not enter or allow worker entry into treated areas during restricted-entry interval (REI) of 12 hours.

PPE required for early entry to treated areas that is permitted under the Worker Protection Standard and that involves contact with anything that has been treated, such as plants, soil, or water, is:

- Coveralls.
- Chemical-resistant gloves, such as barrier laminate or nitrile rubber or neoprene rubber or Viton.
- Shoes plus socks.

STORAGE AND DISPOSAL

Do not contaminate water, food, or feed by storage or disposal.

Pesticide Storage: Store above 40°F.

Pesticide Disposal: Pesticide wastes are toxic. Improper disposal of excess pesticide, spray mixture, or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency, or the Hazardous Waste representative of the nearest EPA Regional Office for guidance.

Container Disposal: Metal or Plastic Container: Triple rinse (or equivalent), then offer for recycling or reconditioning, or puncture and dispose of in a sanitary landfill, or by other procedures approved by State and local authorities. Do not cut or weld metal containers.

Returnable, Refillable Containers: Refillable/re-usable containers should be returned to the point of purchase for cleaning and refilling because the container must be thoroughly cleaned before refilling.

Chemigation Use Directions

Apply this product only through sprinkler including center pivot, lateral move, end tow, side (wheel) roll, traveler, big gun, solid set, or hand move irrigation systems. Do not apply this product through any other type of irrigation system. Do not connect an irrigation system (including greenhouse systems) used for pesticide application to a public water system.

Use a minimum of 0.75 inch of water per acre for LEPA irrigation. Use 1 to 2 pints per Acre of non-emulsified oils when used as the diluent.

The set up and calibration of chemigation equipment are important to achieve control of target insect pests. Crop injury, lack of effectiveness, or illegal residues in the crop can result from non-uniform distribution of treated water. Contact your State Agricultural Extension Service specialists, equipment manufacturers or other experts for advice on the suitability of the equipment set up for optimum control of the target insect pests.

A person knowledgeable of the chemigation system and responsible for its operations, or under the supervision of the responsible person, shall shut the system down and make necessary adjustments should the need arise. Failure to cease application during a mechanical stoppage may result in undesirable residues to adjacent areas.

The system must contain a functional check valve, vacuum relief valve, and low pressure drain appropriately located on the irrigation pipeline to prevent water source contamination from backflow.

The pesticide injection pipeline must contain a functional, automatic, quick-closing check valve to prevent the flow of fluid back toward the injection pump.

The pesticide injection pipeline must also contain a functional, normally closed, solenoid-operated valve located on the intake side of the injection pump and connected to the system interlock to prevent fluid from being withdrawn from the supply tank when the irrigation system is either automatically or manually shut down.

The system must contain functional interlocking controls to automatically shut off the pesticide injection pump when the water pump motor stops.

The irrigation line or water pump must include a functional pressure switch which will stop the water pump motor when the water pressure decreases to the point where pesticide distribution is adversely affected.

Systems must use a metering pump, such as a positive displacement injection pump (e.g. diaphragm pump) effectively designed and constructed of materials that are compatible with pesticides and capable of being fitted with a system interlock.

Do not apply when wind speed favors drift beyond the area intended for treatment.

Apply Bifenture EC Agricultural Insecticide continuously for the duration of the water application. Dilute Bifenture EC Agricultural Insecticide in sufficient volume to ensure accurate application over the area to be treated. Use a minimum of 0.5 inch per acre of irrigation water for application by chemigation. No agitation is required if a suitable diluent is used. Conduct a diluent test to check that phase separation will not occur during dilution and application. If uniform dilution is not achieved during the entire period of application, undesirable residues or less than desirable control may occur.

Rotation Crop Restrictions

Crops for which bifenthrin tolerances exist may be rotated at any time. All other crops may be rotated 30 days after the last application.

Tank-Mixes

Apply Bifenture EC Agricultural Insecticide with other products registered for the same crops. Observe all applicable directions, restrictions, and precautions on the EPA-registered labels for other tank mix partners.

Spray Drift Precautions

Maintain and calibrate all aerial and ground application equipment using appropriate carriers.

WHEN SPRAYING IN THE VICINITY OF AQUATIC AREAS (LAKES, RESERVOIRS, RIVERS, PERMANENT STREAMS, MARSHES, NATURAL PONDS, ESTUARIES OR COMMERCIAL FISH FARM PONDS OBSERVE THESE PRECAUTIONS:

- Do not apply by ground equipment within 25 feet, or by air within 150 feet of aquatic areas. The buffer zone must be increased to 450 feet when ultra low volume (ULV) application is made in cotton. Do not use ultra low volume (ULV) applications to corn and hops.
- When applied by air, mount the spray boom on the aircraft to minimize drift caused by rotor vortices or wingtip. Use the minimum practical boom length which must not exceed 75% of wing span or rotor diameter.
- Select the appropriate nozzle sizes to form the largest spray droplets that provide sufficient coverage and control. Minimize the formation of very small droplets by pointing the nozzles away from the air stream, and by avoiding excessive spray boom pressure.

Do not apply the spray at heights greater than 10 feet above the crop canopy, but at the lowest height to ensure pest control and flight safety.

Apply by air or ground when wind speed is between 3 and 10 mph, and not greater than 15 mph. Avoid application when wind gusts approach 15 mph.

- Do not apply when wind is blowing towards the aquatic area.
- Allow a 10 foot vegetative filter strip to grow between the aquatic areas and the treated crop.
- Do not spray during conditions of low humidity and high temperatures because of the increased likelihood of spray drift to aquatic areas.

Do not apply using aerial or ground applications during temperature inversions. An inversion can be identified by the presence of ground fog in humid areas or by lateral movement of smoke (under low wind conditions) from a ground source or a smoke generator. Do not make aerial or ground application to corn if heavy rainfall is imminent.

Instructions for Application

The following Directions for Use tables provide, in some cases, rate ranges. Use the lower application rates when insect pressure is light to moderate. Use the higher application rates when insect populations are high, when treating mites and when climate is arid.

Cultivation within 10 feet of a water body is prohibited to allow for the growth of a vegetated filter strip.

In New York State this product may not be applied within 100 feet (using ground equipment) to 300 feet (using aerial equipment) of coastal marshes or streams that drain into coastal marshes.

INDEX TO CROPS LISTED ON THIS LABEL

Artichokes
Brassicas
Caneberries
Canola, Crambe, Rapeseed
Citrus (Not for this use in Florida)
Cotton
Field Corn (Grain and Silage), Popcorn, Field Corn Grown for Seed (At Plant Use)
Field Corn (Grain and Silage), Popcorn, Field Corn Grown for Seed (PRE & PPI)
Field Corn (Grain and Silage), Popcorn, Field Corn Grown for Seed (Foliar Use)
Sweet Corn (Grain and Silage), Sweet Corn Grown for Seed (At Plant Use)
Sweet Corn (Grain and Silage), Sweet Corn Grown for Seed (Foliar Use)
Cucurbits
Eggplant
Grapes
Hops
Lettuce, Head
Pears
Peppers, Bell and Non-Bell
Spinach
Succulent Peas and Beans
Tomatoes

ARTICHOKES

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|---|--------------------------------------|--|------------|
| Artichoke Plume Moth Cribrate Weevil | 0.10 lb. ai (6.4 fl. oz. product) | <p>Begin applications when pest population reaches damaging levels repeat as necessary to maintain control.</p> <p>Apply in water in a minimum of 75 gallons of spray/A by ground or in a minimum of 10 gallons/A by air.</p> <p>Do not make applications less than 15 days apart.</p> <p>Do not apply more than 0.5 lb. a.i. /A (one quart product) per season.</p> | 5 |

BRASSICAS

| CROP | PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|--|---|--|--|------------|
| Head and Stem Brassica Vegetables including: Broccoli Brussels Sprouts Cabbage Cauliflower Cavalo Broccolo Chinese Broccoli (gai lon, white flowering broccoli) Chinese Cabbage (napa) Chinese Mustard Cabbage (gai choy) Kohlrabi | <p>Aphids</p> <p>Armyworms</p> <p>Corn Earworm</p> <p>Crickets</p> <p>Cucumber Beetles</p> <p>Cutworms</p> <p>Diamondback Moth</p> <p>Flea Beetles</p> <p>Ground Beetles</p> <p>Imported Cabbageworm</p> <p>Leafhoppers</p> <p>Loopers</p> <p>Saltmarsh Caterpillar</p> <p>Stink Bugs</p> <p>Thrips</p> <p>Tobacco Budworm</p> <p>Whitefly</p> <p>Wireworm (Adults)</p> | <p>0.033-0.10 lb. ai (2.1-6.4 fl. oz. product)</p> | <p>Apply in water in a minimum of 10 gallons spray/A by ground or in a minimum of 2 gallons/A by air. Substitute 1-2 quarts of emulsified oil for 1-2 quarts water if desired when applying by air.</p> <p>For best control thorough coverage is necessary.</p> <p>Do not exceed 0.5 lb a.i. (1 quart product) per acre per season.</p> <p>Do not make more than 5 applications after bloom.</p> <p>Do not make applications less than 7 days apart.</p> | 7 |
| | <p>Banks Grass</p> <p>Mite</p> <p>Carmin Mite</p> <p>Lygus spp.</p> <p>Pacific Spider Mite</p> <p>Twospotted Spider Mite</p> | <p>0.08-0.10 lb. ai (5.12-6.4 fl. oz. product)</p> | | |

CANE BERRIES

| CROP | PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|---|---|---|---|------------|
| Caneberries including: Bingleberries Blackberries Dewberries Loganberries Lowberries Marionberries Olallieberries Raspberries Youngberries | Leafrollers Orange Tortrix Root Weevils | 0.05-0.10 lb. ai (3.2-6.4 fl. oz. product) | Apply in water in a minimum of 50 gallons/A by ground or in a minimum of 10 gallons/A by air. For best control thorough coverage of foliage is necessary. Make one prebloom application and if necessary one postbloom application. Do not apply more than 0.2 lb. a.i. /A per season. | 3 |
| | Spider Mites | 0.10 lb. ai (6.4 fl. oz. product) | | |

CANOLA, CRAMBE, RAPESEED

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|--|--|---|------------|
| Aphids Armyworms Cutworms Diamondback Moth Flea Beetle Flea Hopper Grasshopper Loopers Other Lepidopterous Larvae Plant Bug Seedpod Weevil Stink Bugs Thrips Whitefly | 0.033-0.04 lb. ai (2.1-2.6 fl. oz. product) | Apply in water in a minimum of 10 gallons/A by ground or in a minimum of 2 gallons/A by air. Substitute 1-2 quarts of emulsified oil for 1-2 quarts water if desired when applying by air. For best control thorough coverage is necessary. Do not apply more than 0.08 lb. a.i. (5.12 fl. oz. product) per acre per season. Do not make applications less than 14 days apart. | 35 |

CITRUS
(Not for use in Florida)

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|--|---|--|-----------------------|
| Asian Cockroach <i>Diaprepes</i> Root Weevil (<i>Diaprepes abbreviatus</i>) Fire Ants | 0.25-0.50 lb. ai (16-32 fl. oz. product) | <p>Use a hand-gun or shielded sprayer to apply to individual citrus resets, when not in solid planted rows.</p> <p><i>Diaprepes</i> Root Weevil: If peak emergence is expected in the spring, use 32 fl. oz. formulated product to obtain the longest residual control.</p> <p>If more than one peak of emergence is anticipated, apply 16 fl. oz. formulated product in the spring and 16 fl. oz. formulated product in the fall.</p> <p>Do not apply using any type of chemigation..</p> <p>Direct the spray to the base of tree to prevent contact with fruit or foliage.</p> <p>Do not apply more than a total of 0.5 lb ai (32 fl. oz. product) per acre per year.</p> <p>Apply by ground only in a minimum of 30 gallons/acre of finished spray.</p> <p>Do not apply by air.</p> | 1 |

COTTON

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|---|--|--|---------------|
| European Corn Borer Soybean (Banded) Thrips Tobacco Thrips | 0.02-0.10 lb. ai (1.3-6.4 fl. oz. product) | Apply Bifenture EC in water or refined soybean/cottonseed oil. Apply in water in a minimum of 5 gallons/A by ground or a minimum of 1 gallon/A by air. Substitute 1 quart of emulsified oil for 1 quart water if desired when applying by air. | 14 |
| Boll Weevil Bollworm Cabbage Looper Cotton Aphid Cotton Fleahopper Cotton Leafperforator Cutworms Fall Armyworm Plant Bugs Saltmarsh Caterpillar Southern Garden Leafhopper Stink Bugs Tobacco Budworm Whitefly Yellow Striped Armyworm | 0.04-0.10 lb. ai (2.6-6.4 fl. oz. product) | ULV Application: Apply in refined vegetable oil in a minimum of 1 quart/A with aircraft calibrated to give adequate coverage. Boll Weevil: Apply Bifenture EC every 3 to 4 days until control is acceptable. Mites and Aphids: Apply when pests first appear. Repeat as necessary to maintain control. Use the higher rates once a damaging threshold is established. Apply no more than 0.5 lb. a.i. per acre per season. | |
| Beet Armyworm Carmine Spider Mite Lygus spp. Pink Bollworm Twospotted Spider Mite | 0.06-0.10 lb. ai (3.8-6.4 fl. oz. product) | No more than 10 synthetic pyrethroid applications (of one product or combination of products, including Ambush®, Ammo®, Asana® XL, Baythroid®, Capture®, Danitol®, Karate®, Mustang®, and Scout X-TRA®) may be made on a cotton crop in one growing season. Do not graze livestock in treated areas or cut treated crops for feed. | |

**FIELD CORN (GRAIN AND SILAGE), POPCORN, FIELD CORN GROWN FOR SEED
(AT PLANT USE)**

| PESTS CONTROLLED | RATE BIFENTURE EC | APPLICATION INSTRUCTIONS | PHI (days) |
|---|--|---|-------------------|
| Corn Rootworm, Larvae Northern Southern Western | 0.0046 lb ai (0.30 fl. oz. product) per 1,000 linear feet of row | Apply as a 5 to 7 inch T-band at planting over the open seed furrow. The table below describes the amount of the Bifenture EC needed per acre. Apply in water in a minimum of 3 gallons/A. When using Bifenture EC with fertilizers, check to be sure all components are compatible. For mixture with water or fertilizer, use the following procedure. Fill the spray tank approximately one-half full with water or liquid fertilizer; add the proper amount of Bifenture EC; then add the rest of the water or fertilizer. Sufficient agitation during mixing and application is required to ensure a uniform mixture. | 30 |
| Army Cutworm Cutworm Species Grubs Seed Corn Beetle Seed Corn Maggot True Armyworm or Armyworm Species Wireworm | 0.0023 – 0.0046 lb ai (0.15 - 0.30 fl. oz. product) per 1,000 linear feet of row | Only apply to soil when there is less than 30% cover of crop residue remaining. Do not graze livestock in treated area or cut treated crops for feed within 30 days of treatment. Do not apply more than 0.1 lb. active per acre per season at planting. | |

| | | | | |
|--|--------|--------|--------|--------|
| Row spacings | 40 in. | 38 in. | 36 in. | 30 in. |
| Bifenture EC (lb. a.i. per acre) | 0.060 | 0.064 | 0.069 | 0.080 |
| Bifenture EC (formulated product, ounces per acre) | 3.9 | 4.1 | 4.4 | 5.12 |

FIELD CORN (GRAIN AND SILAGE), POPCORN, FIELD CORN GROWN FOR SEED
Pre-Plant Incorporated (PPI) and Pre-Emergence (PRE)

| PESTS CONTROLLED | RATE BIFENTURE EC | | APPLICATION INSTRUCTIONS |
|---|---|--|---|
| Armyworm spp. Black Cutworm Seedcorn Maggot Stalkborer White Grub Wireworm | 0.047 to 0.062 lb. a.i./A (3-4 fl. oz./A product) Pre- Plant Incorporated (PPI) | | Incorporate Bifenture EC close to the expected depth of the seed, but no deeper than 3 inches. PPI: Use the 3-4 oz./A rate only. Apply alone or with PPI herbicides as a tank mix. PRE: Use the 2.56 oz./A rate when tankmixing and applying with PRE herbicides. |
| Armyworm spp. Black Cutworm Stalkborer | 0.040 lb. a.i./A (2.56 fl. oz./A product) Pre- emergence (PRE) | | |

**FIELD CORN (GRAIN AND SILAGE), POPCORN, FIELD CORN GROWN FOR SEED
(FOLIAR USE)**

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|--|---|--|---------------|
| Aphids Army Cutworm Beet Armyworm Cereal Leaf Beetle Chinch Bug Common Stalk Borer Corn Earworm Corn Rootworm Adults Cucumber Beetle Adult Cutworm Species European Corn Borer Fall Armyworm Flea Beetle Grasshoppers Greenbug Japanese Beetle Adult Sap Beetle Southern Armyworm Southern Corn Leaf Beetle Southwestern Corn Borer Stinkbugs Tarnished Plant Bug True Armyworm or Armyworm Species Webworms Western Bean Cutworm Yellowstriped Armyworm | 0.033-0.10 lb ai (2.1-6.4 fl. oz. product) | <p>Apply in water in a minimum of 10 gallons/A by ground or in a minimum of 2-5 gallons/A by air. For heavy infestations, use 5 gallons of finished spray per acre by aircraft. Substitute 1-2 quarts of emulsified oil for 1-2 quarts water if desired. For best control thorough coverage is necessary.</p> <p>Ear-Attacking Pests: Apply Bifenture EC just before silking.</p> <p>Southwestern Corn Borer, European Corn Borer: Apply at or shortly before egg hatch.</p> <p>Other Insect Pests: Apply when insects first appear. Repeat as needed.</p> <p>Banks Grass Mites: Apply when colonies first form before leaf damage or discoloration and prior to movement above the bottom third of the plant.</p> <p>Twospotted Spider Mite and Carmine Mite: Apply when colonies first form before leaf damage or discoloration and before wide-spread mite movement throughout the canopy. Use the higher rates if heavier insect pressure is noted and corn is under heat or drought stress. Tank mixtures with dimethoate at 0.5 lb. a.i. per acre are effective under these conditions.</p> <p>Mite Control in Texas, New Mexico, Oklahoma, and Arizona: Apply in water in a minimum of 10 gallons/A ground or in a minimum of 5 gallons/A by air.</p> | 30 |
| Banks Grass Mite Carmine Mite Twospotted Spider Mite | 0.08-0.10 lb. ai (5.12-6.4 fl. oz. product) | <p>Repeat applications as necessary to maintain control, but do not apply more than 0.3 lb. active per acre per season including PRE & PPI, at plant plus foliar applications.</p> <p>Do not graze livestock in treated areas or cut treated crops for feed within 30 days of the last application.</p> <p>Do not apply by ultra low volume (ULV) application on corn</p> <p>If heavy rainfall is imminent, do not make aerial or ground applications to corn.</p> <p>Use of Bifenture EC Agricultural Insecticide on corn is prohibited in all coastal counties.</p> | |

SWEET CORN (GRAIN AND SILAGE)
SWEET CORN GROWN FOR SEED
(AT PLANT USE)

| PESTS CONTROLLED | RATE BIFENTURE EC | APPLICATION INSTRUCTIONS | PHI (days) |
|--|--|---|------------|
| Corn Rootworm, Larvae Northern Southern Western | 0.0046 lb. ai (0.30 fl.oz. product) per 1,000 linear feet of row | Apply at planting over the open seed furrow. The table below describes the amount of Bifenture EC needed per acre. Apply in a minimum of 3 gallons of finished spray per acre. When using Bifenthrin EC with fertilizers, check to be sure all components are compatible. For mixture with water or fertilizer, use the following procedure. Fill the spray tank approximately one-half full with water or liquid fertilizer; add the proper amount of Bifenture EC; then add the rest of the water or fertilizer. Sufficient agitation during mixing and application is required to ensure a uniform mixture. | 30 |
| Army Cutworm Cutworm Species Grubs Seed Corn Beetle Seed Corn Maggot True Armyworm or Armyworm Species Wireworm | 0.0023 – 0.0046 lb. ai (0.15 - 0.30 fl.oz. product) per 1,000 linear feet of row | Only apply to soil where there is less than 30% cover of crop residue remaining. Do not graze livestock in treated area or cut treated crops for feed within 30 days of treatment. Do not apply more than 0.1 lb. active per acre per season at planting. | |

| | | | | |
|--|--------|--------|--------|--------|
| Row Spacings | 40 in. | 38 in. | 36 in. | 30 in. |
| Bifenture EC (lb. a.i. per acre) | 0.060 | 0.064 | 0.069 | 0.080 |
| Bifenture EC (formulated product, ounces per acre) | 3.9 | 4.1 | 4.4 | 5.12 |

**SWEET CORN (GRAIN AND SILAGE)
SWEET CORN GROWN FOR SEED
(FOLIAR USE)**

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|---|--|---|---------------|
| Aphids Army Cutworm Beet Armyworm Cereal Leaf Beetle Chinch Bug Common Stalk Borer Corn Earworm Corn Rootworm Adults Cucumber Beetle Adult Cutworm Species European Corn Borer Fall Armyworm Flea Beetle Grasshoppers Greenbug Japanese Beetle Adult Sap Beetle Southern Armyworm Southern Corn Leaf Beetle Southwestern Corn Borer Stinkbugs Tarnished Plant Bug True Armyworm or Armyworm Species Webworms Western Bean Cutworm Yellowstriped Armyworm | 0.033-0.10 lb. a.i. (2.1-6.4 fl. oz. product) | <p>Apply in water in a minimum of 10 gallons/A by ground or in a minimum of 2-5 gallons/A by air. For heavy infestations by aircraft, use 5 gallons of finished spray per acre. Substitute 1-2 quarts of emulsified oil for 1-2 quarts water if desired.</p> <p>For best control, thorough coverage is necessary.</p> <p>Ear-Attacking Pests: Apply Bifenture EC just before silking.</p> <p>Southwestern Corn Borer, European Corn Borer: Apply twice, with the first application at or shortly before egg hatch.</p> <p>Other Insect Pests: Apply when insects first appear. Repeat as needed.</p> <p>Banks Grass Mites: Apply when colonies first form before leaf damage or discoloration and prior to movement above the bottom third of the plant.</p> <p>Twospotted Spider Mite and Carmine Mite: Apply when colonies first form before leaf damage or discoloration and prior to widespread mite movement throughout the canopy.</p> | 1 |
| Banks Grass Mite Carmine Mite Twospotted Spider Mite | 0.08-0.10 lb. a.i. (5.12-6.4 fl. oz. product) | <p>Use the higher rates if heavier insect pressure is noted and corn is under heat or drought stress.</p> <p>Repeat applications as necessary, but do not apply more than 0.2 lb. a.i. (12.8 fl. oz. product) per acre per season.</p> <p>Do not graze livestock in treated areas or cut treated crops for feed within 1 day of the last application.</p> <p>Do not apply by ultra low volume (ULV) on corn.</p> <p>If heavy rainfall is imminent, do not make aerial or ground applications to corn.</p> <p>Use of Bifenture EC on corn is prohibited in all coastal counties.</p> | |

CUCURBITS

| CROP | PESTS CONTROLLED | RATE BIFENTUR E EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|--|------------------------|----------------------------|--|------------|
| Chayote (fruit) | Aphids | 0.04-0.10 lb. ai | Apply in water in a minimum of 20 gallons/Aground or in a minimum of 5 gallons/A by air. Substitute 1-2 quarts of emulsified oil for 1-2 quarts water if desired. For best control thorough coverage is necessary. | 3 |
| Chinese waxgourd (Chinese preserving melon) | Armyworms | | | |
| Citron melon | Cabbage Looper | (2.6-6.4 fl. oz. product) | | |
| Cucumber | Corn Earworm | | | |
| Gherkin | Cucumber Beetles | | | |
| Gourd, edible (includes hyloan, cucuzza), (<i>Luffa</i> spp.) (includes hechima, Chinese okra), (<i>Momordica</i> spp.) (includes balsam apple, balsam pear, bitter melon, Chinese cucumber) | Cutworm | | | |
| | Grasshopper | | | |
| | Leafhoppers | | Do not apply more than 0.3 lb. a.i. (19.2 fl. oz. product) per acre per season. | |
| | Melonworm | | | |
| | Pickleworm | | Do not apply more than twice after bloom. | |
| | Plant Bug | | | |
| | Rindworm | | Do not make applications less than 7 days apart. | |
| | Squash Bugs | | | |
| | Squash Vine Borer | | | |
| | Stink Bugs | | | |
| | Tobacco Budworm | | | |
| Muskmelon (hybrids and/or cultivars of <i>Cucumis melo</i>) (includes true cantaloupe, Cantaloupe, casaba, crenshaw melon, golden, pershaw melon, honeydew melon, honey balls, mango melon, Persian melon, pineapple melon, Santa Claus melon, and snake melon) | Carmine Mite | 0.08-0.10 lb. ai | | |
| | Banks Grass Mite | | | |
| | Lygus spp | (5.12-6.4 fl. oz. product) | | |
| | Twospotted Spider Mite | | | |
| | Whitefly | | | |
| Pumpkin (<i>Cucurbita</i> spp.) | | | | |
| Squash, summer (includes crookneck squash, scallop squash, straightneck squash, vegetable marrow, zucchini) | | | | |
| Squash, winter (includes butternut squash, calabaza, hubbard squash (<i>C. mixta</i> ; <i>C. pepo</i>), includes acorn squash, spaghetti squash) | | | | |
| Watermelon (includes hybrids and or varieties of <i>Citrullis</i> spp.) | | | | |

EGGPLANT

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|--|---|--|---------------|
| Armyworms Colorado Potato Beetle Corn Earworm Cucumber Beetle European Corn Borer Flea Beetle Cabbage Looper Plant Bug Stink Bug Thrips Tomato Pinworm Tomato Hornworm Vegetable Leafminer Whitefly | 0.033-0.10 lb. ai (2.1-6.4 fl. oz. product) | Apply in water in a minimum of 10 gallons/A by ground or in a minimum of 2 gallons/A by air. Substitute 1-2 quarts of emulsified oil for 1-2 quarts water if desired. For best control thorough coverage is necessary. Do not make applications less than 7 days apart. Do not apply more than 0.2 lb. a.i. (12.8 fl. oz. product) per acre per season. | 7 |
| Banks Grass Mite Carmine Mite Lygus spp. Pacific Spider Mite Twospotted Spider Mite | 0.08-0.10 lb. ai (5.12-6.4 fl. oz. product) | | |

GRAPES

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|---|---|--|---------------|
| Eastern Grape Leafhopper Variegated Leafhopper Western Grape Leafhopper | 0.05-0.10 lb. ai (3.2 to 6.4 fl. oz. product) | Apply in a minimum of 25 gallons/A by ground or in a minimum of 10 gallons/A by air. | 30 |
| Black Vine Weevil Glasswinged Sharpshooter Twospotted Spider Mite | 0.10 lb. ai (6.4 fl. oz. product) | Substitute 1-2 quarts of emulsified oil for 1-2 quarts water if desired. For best control thorough coverage is necessary. Use the higher rate when insect pressure is moderate to severe. Do not apply more than 0.10 lb. a.i. per acre per season. | |

HOPS

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|---|---|---|---------------|
| Aphids Armyworms Cutworms Leafrollers Loopers | 0.06-0.1 lb. ai (3.8-6.4 fl. oz. product) | Do not apply more than 0.1 lb. a.i. per acre per application . Do not apply more than 0.3 lb. a.i. per acre per season . Do not make applications less than 21 days apart. By ground: Full coverage is necessary for best results. For early season, use 100-150 gallons of spray per acre. For late season, use 200-250 gallons of spray per acre. | 14 |
| Root Weevils | 0.05-0.1 lb. ai (3.2-6.4 fl. oz. product) | | |

| | | |
|------------------------|-------------------------------------|--|
| Twospotted spider mite | 0.1 lb. ai (6.4 fl. oz. product) | <p>Root Weevil, direct the spray to the base of the plant. Spray 3 feet up the vine and the soil surface 1.5 to 2 feet around the plant.</p> <p>Twospotted spider mites, for late season control: Apply at least 6.4 fl. oz. (0.1 lb. a.i.) per application in a minimum of 10 gallons per acre by air.</p> <p>Do not apply by ultra low volume (ULV) application to hops.</p> |
|------------------------|-------------------------------------|--|

LETTUCE, HEAD

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|--|--|--|------------|
| Aphids Armyworms Corn Earworm Cucumber Beetles Cutworms Diamondback Moth Flea Beetles Imported Cabbageworm Leafhoppers Loopers Salt Marsh Caterpillar Stink Bug spp. Tobacco Budworm Whitefly | 0.033-0.10 lb. ai (2.1-6.4 fl. oz. product) | <p>Apply in water in a minimum of 15 gallons/A by ground equipment or in 5 gallons/A by air. For air application, substitute 1-2 quarts of emulsified oil for 1-2 quarts water if desired.</p> <p>For best control thorough coverage is necessary.</p> <p>Do not make applications less than 7 days apart.</p> <p>Do not apply more than 0.5 lb. a.i. per acre per season.</p> | 7 |
| Carmine Mite Lygus, spp. Twospotted Spider Mite | 0.08-0.10 lb. ai (5.12-6.4 fl. oz. product) | | |

PEARS

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|---|--|--|------------|
| Aphids Coddling Moth Cutworms Green Fruitworm Leafhoppers Leafminers Leafrollers Lygus spp. Plant Bugs Plum Curculio San Jose Scale (Crawlers) Stink Bugs Tarnished | 0.04-0.2 lb. ai (2.6 to 12.8 fl. oz. product) | <p>By ground: Apply as a dilute (minimum of 200 gallons of finished spray per acre) or concentrate (minimum of 50 gallons of finished spray per acre) spray. For best control thorough coverage is necessary.</p> <p>By air: Apply in a minimum of 10 gallons per acre.</p> <p>Do not apply more than 0.5 lb. active per acre per season with no more than 0.45 lb. active per acre applied after petal fall.</p> <p>Apply as necessary to maintain control and repeat applications at 30 day intervals</p> <p>Do not graze livestock in treated orchards or cut treated cover crops for feed.</p> | 14 |

| | | |
|------------------------|---|--|
| Plant Bugs | | |
| Twospotted Spider Mite | 0.06-0.2 lb. ai (8.8 to 12.8 fl. oz. product) | |
| Yellow Mite | | |
| European Red Mite | 0.08-0.2 lb. ai (5.12 to 12.8 fl. oz. product) | |

PEPPERS, BELL AND NON-BELL

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|--|---|---|------------|
| Armyworms Corn Earworm Cucumber Beetles Cutworms European Corn Borer Flea Beetles Leafminers Loopers Pepper Weevil Thrips Whitefly | 0.033-0.1 lb. ai (2.1-6.4 fl. oz. product) | Apply in water in a minimum of 10 gallons/A by ground or a minimum of 2 gallons/A by air. Do not make applications less than 7 days apart. Apply as needed, but do not apply more than 0.20 lb. a.i. per acre per season. | 7 |
| Broad Mite Carmine Mite Lygus spp. Twospotted Spider Mite | 0.08-0.1 lb. ai (5.12-6.4 fl. oz. product) | | |

SPINACH

| PESTSS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|---|---|--|------------|
| Armyworms Colorado Potato Beetle Corn Earworm Cucumber Beetles Cutworms European Corn Borer Flea Beetles Leafminers Loopers Pepper Weevil Tomato Pinworm Tomato Hornworm Thrips Whitefly | 0.033 to 0.10 lb. ai (2.1-6.4 fl. oz. product) | Whiteflies: make up to 4 foliar treatments of Bifenture EC by ground or air at rates of up to 0.4 pt. (0.1 lb. active) per acre Repeat applications at 7 day intervals. Fire ants: make up to 4 applications of Bifenture EC to the soil at planting or as a foliar treatment by ground or air at rates of up to 0.4 pt. (0.1 lb. active) per acre. Repeat application at 7 day intervals. Apply in water at 10-50 gallons/A by ground or 5-50 gallons /A by ground. Do not make applications less than 7 days apart. | 40 |
| Broad Mite Banks Grass Mite Carmine Mite Fire Ants Lygus spp. Twospotted Spider Mite Pacific Spider Mite | 0.08-0.10 lb. ai (5.12 to 6.4 fl. oz. product) | Do not exceed 0.4 lb. a.i. per acre per season. | |

SUCCULENT PEAS AND BEANS

| CROP | PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|----------------------------|------------------|---|---|---------------|
| Pea (<i>Pisum</i> spp.) | Flea Beetle | 0.025-0.10 lb. ai (1.6-6.4 fl. oz. product) | Apply in a minimum of 10 gallons/A by ground or in a minimum of 2 gallons/A by air. When applying by air, substitute 1-2 quarts of emulsified oil for 1-2 quarts water if desired. For best control thorough coverage is necessary. Do not apply more than 0.2 lb. a.i. (12.8 fl. oz. product) per acre per season. | 3 |
| Dwarf pea | Grasshoppers | | | |
| Edible-pod pea | Aster | 0.033-0.10 lb. ai (2.1-6.4 fl. oz. product) | | |
| English pea | Leafhopper | | | |
| Garden pea | Leafhoppers | | | |
| Green pea | Alfalfa | | | |
| Snow pea | Caterpillar | | | |
| Sugar snap pea | Aphids | | | |
| Pigeon pea | Bean Leaf | | | |
| Bean (<i>Phaseolus</i> | Beetle | | | |
| spp.): | Beet Armyworm | | | |
| Broadbean | Cloverworm | | | |
| (succulent) | Corn Earworm | | | |
| Lima bean | Corn Rootworm | | | |
| (green) | (Adult) | | | |
| Runner bean | Cucumber | | | |
| Snap bean | Beetles | | | |
| Wax bean | Cutworms | | | |
| Bean (<i>Vigna</i> spp.): | European Corn | | | |
| Asparagus bean | Borer | | | |
| Blackeyed pea | Fall Armyworm | | | |
| Chinese longbean | Japanese Beetle | | | |
| Cowpeas | (Adult) | | | |
| Moth bean | Loopers | | | |
| Southern pea | Pea Leaf Weevil | | | |
| Yardlong bean | Pea Weevil | | | |
| Jackbean | Plant Bug | | | |
| Soybean | Sap Beetle | | | |
| (immature seed) | Southern | | | |
| Sword bean | Armyworm | | | |
| | Stink Bugs | | | |
| | Tarnished Plant | | | |
| | Bug | | | |
| | Thrips | | | |
| | Webworms | | | |
| | Western Bean | | | |
| | Cutworm | | | |
| | Yellowstriped | | | |
| | Armyworm | | | |
| | Whitefly | | | |
| | Banks Grass | 0.08-0.10 lb. ai (5.12-6.4 fl. oz. product) | | |
| | Mite | | | |
| | Carmine Mite | | | |
| | Lygus spp. | | | |
| | Twospotted | | | |
| | Spider Mite | | | |

TOMATOES

| PESTS CONTROLLED | RATE BIFENTURE EC/ACRE | APPLICATION INSTRUCTIONS | PHI (days) |
|--|---|---|---------------|
| Aphids Armyworms – Including: Beat Armyworm, Fall Armyworm, Southern Yellowstriped Armyworm Bean Leaf Beetle Cabbageworm Carmine Mite Cloverworm Corn Earworm Corn Rootworm Cucumber Beetles Cutworms Diamondback Moth European Corn Borer Flea Beetles Flea Hopper Grasshopper Japanese Beetle (Adult) Leafhoppers Loopers Lygus spp. Melonworm Pea Weevil Pea Leaf Weevil Pickleworm Plant Bug Rindworm Salt Marsh Caterpillar Sap Beetle Seedpod Weevil Squash Bugs Stink Bug spp. Tobacco Budworm Tarnished Plant Bug Thrips Two Spotted Spider Mite Whitefly | 0.033-0.08 lb. ai (2.1-5.2 fl. oz. product) | Apply in water using a minimum of 15 gallons/A by ground. For best control, thorough coverage is necessary. Repeat applications at 10 day intervals. Apply as needed but do not make more than 4 applications per season. | 1 |

**IMPORTANT INFORMATION
READ BEFORE USING PRODUCT**

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Danitol – trademark of Sumitomo Chemical Company, Ltd.
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